## ADAM TECH

ADAM TECHNOLOGIES INC.

#### INTRODUCTION:

Adam Tech HPH Series Hall Pitch Pin Headers are designed for applications where space and weight are key factors. They provide a fast, simple one-step installation of multiple posts to PC boards. Both single and dual row types are available. Custom pin lengths are available to suit specific applications.

#### PEATURES:

- Q Half plich .050" centerline increases board density
- Single and duel row types
- Breaksway style insulator for added versatility
- Mokied in standoffs enable easy cleaning.

#### MATING OPTIONS:

Mates with Adam Tech HRS and HFCS Social Series and all other industry atendard competible connectors

#### SPECIFICATIONS:

#### Motorial:

ineulator: Polybutylene Terephthalase (PBT), glass reinforced

thermoplastic, reted UL 94V-0

Contacts: Phosphor Bronze

#### Plating:

= 8 pin. gold nom. (optional 30 pin) to Mit.-G-45204, Type II, Grade C over 50 µin. nickel underplate to QQ-N-290, Class 2. Grade C

SQ = 5 µin gold nom. (optional 30 µin) on mating length to MIL-G-48204, Type II, Grade C, 100 pin. tin-lead to ML-P-81726 on solder-tails

T: a 100 uin tin-lead to MiL-P-81728. Type 1 with 50 uin. copper underplate to MIL-C-14550

#### Electrical:

Operation voltage: 250 VAC max Current reting: .5 Amp men Contact resistance: 20 mQ mex

Insulation resistance: 1000 MQ min @ 1000 VDC between

adjacent contacts (75° F and 50% R.H.)

Dielectric withstanding voltage: 1000 VAC min rms (sea level)

#### Machanicat

Pin push out force: 4 lbs. min

Soldering process: Weve, Vapor-phase of IR Reflow Environmental: Operating temperature: -85°C to +125°C

#### PACKAGING:

Anti-static plastic bage

#### APPROVALS AND CERTIFICATIONS:

Recognized under the component program of Underwriters Laboratories, Inc. No. E167232

Certified by Canadian Standards Association No. LR75112

## 71 G

#### OPTIONS:

Add as suffix to basic part number

15 = 15 µln gold plating 30 = 30 pin gold plating

BMT = Surface mount leads

HT = Hi-Temp insulator for iR reflow or Vapor Phase substring process



.050" [1.27] CENTERLINE

.050" PIN HEADERS



#### ORDERING INFORMATION











BOLDEN-TAIL

#### SEMES DICHCATOR

MPH1 = .050\* Single row pin

header HPHR = .050°

**NOTALILITIES** 

170

Dual row pin heeder

A = 1 mm ineulator thickness

("080.x"080. wor inub)

single or dual row

### **PORTICHE**

(single row). 4 thru 100

### 1 thru 32

idiumi rowi

#### LENGTH A = Standard length # = Special length.

**MATHMO/** 

pustomer specified. defined as tall iength/total length.

#### PLATING

BG = Selective gold plating in contact area. Tin-Lead plating on solder tells

- Gold Plated = Tin Plated

B = .100° freuletor thickness single or dual row (dual row .050°x.100°)

### ORDERING INFORMATION

DHPH



XXX\*ZXXXX\*ZXXX COMMODERNACE DISC

#### SERIES. INDICATOR

CHPH = Dust Insulator

.050\* contestino

#### NO. OF ROWS 4 1 = Single row

2 = Duni row .050'x.100'

RPECIFIED IN INCHES AS: C Dim/D Dim/E Dim. (recince D Dim. with SMT for surface mount option)

#### **PLATING**

GG = Selective pold pleting in contact area and Tin-Lead plating on solder talls

#### РОЯПТОНІ

I thru 32 (single row)

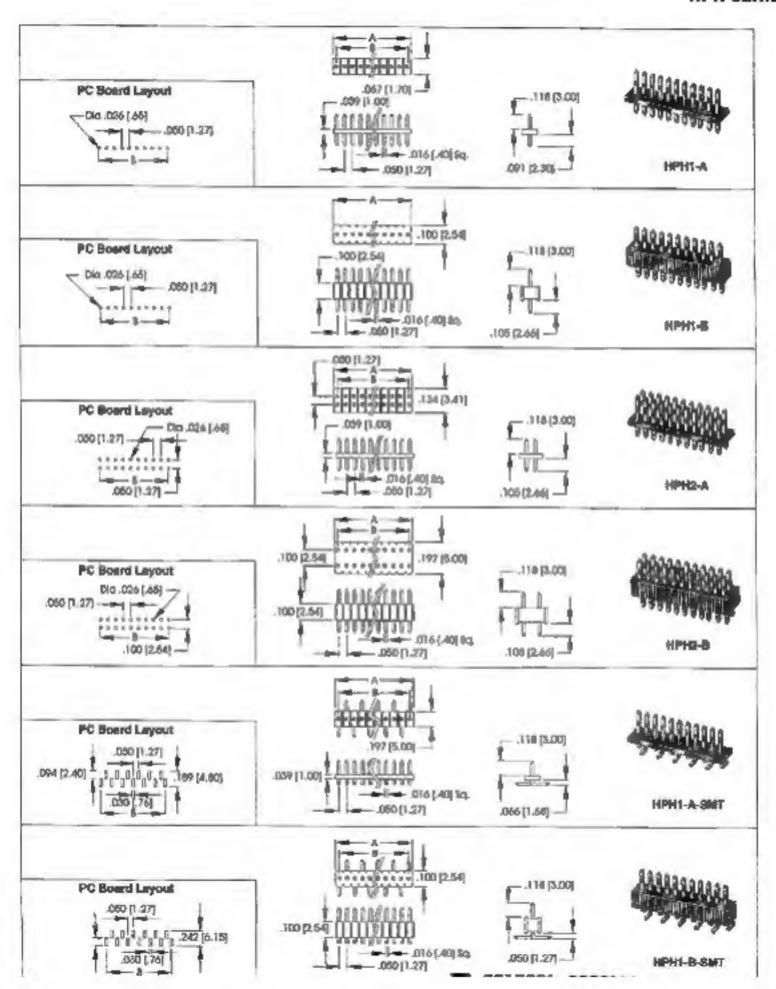
4 thru 100 (dual row)

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